**BLS**

**DB設計書**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 更新日 | 作成日 | 版数 | 作成者 | 更新内容 |
|  | 13年9月19日 | 第1版 | 桝谷一磨 | 初版 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

桝谷　　一磨

橋本　　浩史

安部　　颯八

綾部　　裕樹

木下　美智子

1. **テーブル一覧**

**User**

|  |  |  |
| --- | --- | --- |
| 列名 | 型 | 制約 |
| User\_id | varchar | Primary key |
| User\_passward | varchar |  |

**GPSposition**

|  |  |  |
| --- | --- | --- |
| 列名 | 型 | 制約 |
| Bus\_id | varchar | Primary key, foreign key |
| Transmission\_time | date | Primary key |
| Longitude\_extension | int |  |
| Latitude\_extension | int |  |

**Bus**

|  |  |  |
| --- | --- | --- |
| 列名 | 型 | 制約 |
| Bus\_id | varchar | Primary key |
| Route\_id | varchar | Foreign key |
| Bus\_name | varchar |  |

**Route**

|  |  |  |
| --- | --- | --- |
| 列名 | 型 | 制約 |
| Route\_id | varchar | Primary key |
| CheckPoint\_id | varchar | Foreign key |
| Route\_name | varchar |  |

**CheckPoint**

|  |  |  |
| --- | --- | --- |
| 列名 | 型 | 制約 |
| CheckPoint\_id | varchar | Primary key |
| Point\_id | varchar | Foreign key |
| Point\_at | dater |  |

**PointTime**

|  |  |  |
| --- | --- | --- |
| 列名 | 型 | 制約 |
| Point\_id | varchar | Primary key |
| CheckPoint\_name | varchar |  |
| Longitude\_point | int |  |
| Latitude\_point | int |  |

1. **E-R図**

PointTime

CheckPoint

Route

Bus

GPSpositon

User